

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP99/01861

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>6</sup> A61J3/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>6</sup> A61J3/10, B30B11/00, 11/08, A61K9/00-9/72, 47/00-47/48

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-1999  
Kokai Jitsuyo Shinan Koho 1971-1999 Jitsuyo Shinan Toroku Koho 1996-1999

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP, <del>45-22959</del> , B1 (Carter Wallace Inc.), 3 August, 1970 (03. 08. 70), Column 1, line 26 to column 2, line 6 (Family: none)	1, 3, 5-10 12-14
✓ Y	JP, 7-124231, A (Kyowa Hakko Kogyo Co., Ltd.), 16 May, 1995 (16. 05. 95), Full text ; all drawings & EP, 650826, A1 & US, 5700492, A	1-14
Y	JP, 2-206, A (Fujisawa Pharmaceutical Co., Ltd.), 5 January, 1990 (05. 01. 90), Full text & EP, 315964, A & US, <del>5093372</del> , A	2, 4-9, 11-14
Y	JP, 62-187598, A (University of Bath), 15 August, 1987 (15. 08. 87), Full text ; all drawings & GB, 2183538, A & EP, 225803, A & US, <del>4832880</del> , A	1-14

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance  
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"P" document published prior to the international filing date but later than the priority date claimed

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"&" document member of the same patent family

Date of the actual completion of the international search  
8 July, 1999 (08. 07. 99)

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Name and mailing address of the ISA/  
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2/5/1 (Item 1 from file: 351)  
DIALOG(R) File 351:Derwent WPI  
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WPI Acc No: 1966-30501F/196800

**Method of production of tablets**

Patent Assignee: CARTER WALLACE INC (CART )

Number of Countries: 007 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 1499681	A					196800 B
AU 6613189	A					196801
GB 1113299	A					196801
US 3395211	A					196801
CA 831961	A					197002
JP 70022959	B					197031
DE 1617389	B					197146
DE 1617389	A	19700625				198427

Priority Applications (No Type Date): US 65513094 A 19651210

Abstract (Basic): FR 1499681 A

Prod'n. of tablets from granular compns. contg. a low melting pt. material or adhesive comprises:-

- (a) introducing into a tableting matrix a first granular compn. contg. an abrasive (e.g. lactose, wood cellulose, Mg(OH)<sub>2</sub>, tricalcium phosphate, dicalcium phosphate and mixts. thereof);
- (b) compressing the first granular compn. into an abrasive tablet using a high compression force (23.62-39.37 kg/mm<sup>2</sup>, die penetration ca. 9.525 mm. or more);
- (c) ejecting the abrasive tablet from the tableting matrix;
- (d) introducing into the tableting matrix a second granular compn. contg. a low melting pt. material or adhesive;
- (e) compressing the second granular compn. into the final tablet using a low compression force (3.15-12.60 kg/mm<sup>2</sup>, die penetration ca. 3.175mm. or less;
- (f) ejecting the final tablet from the matrix; and
- (g) repeating operations (a) to (f) to produce the required number of tablets.

Tablets contg. one or more active materials of low melting pt. and/or adhesives are produced with satisfactory speeds of disintegration or dissolution and industrially acceptable appearance.

Title Terms: METHOD; PRODUCE; TABLET

Derwent Class: B07

International Patent Class (Additional): A61K-009/00

File Segment: CPI

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